

Substance	CAS No.	TWA		STEL		Ceiling		Skin designation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
Arsine	7784-42-1	0.05	0.2	—	—	—	—	—
Asbestos; see 29 CFR 1910.1001 and 29 CFR 1926.1101	Varies							
Atrazine	1912-24-9	—	5	—	—	—	—	—
Azinphos-methyl	86-50-0	—	0.2	—	—	—	—	X
Barium, soluble compounds (as Ba)	7440-39-3	—	0.5	—	—	—	—	—
Barium sulfate	7727-43-7							
Total dust	—	—	10	—	—	—	—	—
Respirable fraction	—	—	5	—	—	—	—	—
Benomyl	17804-35-2							
Total dust	—	—	10	—	—	—	—	—
Respirable fraction	—	—	5	—	—	—	—	—
Benzene; see 29 CFR 1910.1028	71-43-2							
Industries excluded from 29 CFR 1910.1028 (STEL – 10 minutes)		10	—	25	—	50	—	—
Benzidine; see 29 CFR 1910.1003	92-87-5							
p-Benzoquinone; see Quinone								
Benzo(a)pyrene; see Coal tar pitch volatiles								
Benzoyl peroxide	94-36-0	—	5	—	—	—	—	—
Benzyl chloride	100-44-7	1	5	—	—	—	—	—
Beryllium and beryllium Compounds (as Be) (STEL – 30 minutes)	7440-41-7	—	0.002	—	0.005	—	0.025	—
Biphenyl; see Diphenyl								
Bismuth telluride, Undoped	1304-82-1							
Total dust	—	—	15	—	—	—	—	—
Respirable fraction	—	—	5	—	—	—	—	—
Bismuth telluride, Se-doped	—	—	5	—	—	—	—	—
Borates, tetra, sodium salts								
Anhydrous	1330-43-4	—	10	—	—	—	—	—
Decahydrate	1303-96-4	—	10	—	—	—	—	—
Pentahydrate	12179-04-3	—	10	—	—	—	—	—
Boron oxide	1303-86-2							
Total dust	—	—	10	—	—	—	—	—
Boron tribromide	10294-33-4	—	—	—	—	1	10	—
Boron trifluoride	7637-07-2	—	—	—	—	1	3	—
Bromacil	314-40-9	1	10	—	—	—	—	—
Bromine	7726-95-6	0.1	0.7	0.3	2	—	—	—
Bromine pentafluoride	7789-30-2	0.1	0.7	—	—	—	—	—
Bromoform	75-25-2	0.5	5	—	—	—	—	X
Butadiene (1,3-Butadiene) see 29 CFR 1910.1051	106-99-8							
Butane	106-97-8	800	1900	—	—	—	—	—
Butanethiol; see Butyl mercaptan								
2-Butanone (Methyl ethyl ketone)	78-93-3	200	590	300	885	—	—	—
2-Butoxyethanol	111-76-2	25	120	—	—	—	—	X
n-butyl-acetate	123-86-4	150	710	200	950	—	—	—
Sec-Butyl acetate	105-46-4	200	950	—	—	—	—	—
Tert-Butyl acetate	540-88-5	200	950	—	—	—	—	—
Butyl acrylate	141-32-2	10	55	—	—	—	—	—
n-Butyl alcohol	71-36-3	—	—	—	—	50	150	X
Sec-Butyl alcohol	78-92-2	100	305	—	—	—	—	—
Tert-Butyl alcohol	75-65-0	100	300	150	450	—	—	—